

NOV 16 2004

## **BEYER WEAVER & THOMAS, LLP**

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### **FACSIMILE COVER SHEET**

November 16, 2004

**Receiver:** Examiner Shawn (USPTO Central Fax)

**FAX #:** 703-872-9306

**Sender:** Godfrey K. Kwan  
**Our Ref. No.:** CISC158

**Application No:** 09/766,020

**Re:** Response to Non Compliant Amendment

**Pages Including Cover Sheet(s):** 10

**MESSAGE:**

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**CONFIDENTIALITY NOTE**

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NOV 16 2004

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Zhang et al.

Attorney Docket No.: CISC158/3179

Application No.: 09/766,020

Examiner: Shawn S. An

Filed: January 18, 2001

Group: 2613

Title: METHODS FOR EFFICIENT  
BANDWIDTH SCALING OF  
COMPRESSED VIDEO DATA

**CERTIFICATE OF FACSIMILE TRANSMISSION:**  
I hereby certify that this correspondence is being transmitted by  
facsimile to the United States Patent and Trademark Office,  
Commissioner for Patents, Attn: Examiner Shawn, Fax No. 703-  
872-9306, Alexandria, VA 22313-1450 on: November 16, 2004.

Signed: 

Joyce L. Ferreira

**AMENDMENT TRANSMITTAL**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

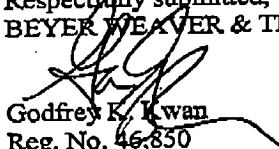
Transmitted herewith is an Amendment in the above-identified application.

The fee has been calculated as shown below.

	Claims After Amendment		Highest Previously Paid For	Present Extra	Small Entity Rate Fee	Large Entity Rate Fee
Total Claims	30	MINUS	30	00	x 9 =	x 18 =
Independent Claims	05	MINUS	05	00	x 43 =	x 86 =
Multiple Dependent Claim Present and Fee Not Previously Paid					\$145.00	\$290.00
Total					\$	\$

- ☒ Applicant(s) believe that no (additional) Extension of Time is required; however, if it is determined that such an extension is required, Applicant(s) hereby petition that such an extension be granted and authorize the Commissioner to charge the required fees for an Extension of Time under 37 CFR 1.136 to Deposit Account No. 500388.
- ☒ Please charge the required fees, or any additional fees required to facilitate filing the enclosed response, to Deposit Account No. 500388 (Order No. CISC158).

Respectfully submitted,  
BEYER WEAVER & THOMAS, LLP

  
Godfrey K. Kwan  
Reg. No. 46,850

P.O. Box 778  
Berkeley, CA 94704-0778

NOV 16 2004

PATENT

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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BANDWIDTH SCALING OF  
COMPRESSED VIDEO DATA**CERTIFICATE OF FACSIMILE TRANSMISSION:**

I hereby certify that this correspondence is being transmitted by facsimile to the United States Patent and Trademark Office, Commissioner for Patents, Attn: Examiner Shawn, Fax No. 703-872-9386, Alexandria, VA 22313-1450 on: November 16, 2004.

Signed: 

Joyce L. Ferrara

**RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This amendment is submitted in response to the Communication mailed October 22, 2004 in which the response required by 37 CFR 1.121 was deemed incomplete because claims 16-25 were missing. Claims 16-25 were withdrawn from prosecution in response to the Restriction Requirement dated February 12, 2004. The claims are now included in the response and it is believed that this revised response addresses this issue. As such, it should be treated as a complete response to the outstanding office action as required by 37 CFR 1.114 and 37 CFR 1.111.

Amendments to the Claims are reflected in the listing of claims which being on page 3 of this paper.

Remarks begin on page 7 of this paper.

Atty Dkt: CISC158/3179

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**RESPONSE TO RESTRICTION REQUIREMENT AND ELECTION**

In Applicants' response to restriction requirement dated April 12, 2004, Applicants elected a single species relating to bit rate conversion using requantization. The single species is claimed in claim numbers 1-15 and 26-30. The claims cover various embodiments, including embodiments described with reference to Figure 4D, 5B, and 5C.

The Examiner argues that Figures 1, 2A, 2B, 4D, 5B, 5C, and 6 are seven distinct species that can not be covered in a single set of claims. The Applicants respectfully disagree. For example, Figure 6 is not a distinct species and is merely showing one example of a router that can be used with the techniques of the present invention. Some examples described with reference to Figures 1, 2A, 2B, 4D, 5B, 5C, and 6 are merely embodiments that can be covered by a single generic claim. Consequently, Applicants respectfully submit that a single claim Group 1-15 and 26-30 has been selected. The single group selected does not pose an undue burden on the Examiner, as all the claims relate to bit rate conversion using a first requantization scheme and a second requantization scheme. Embodiments of the generic claim are described in the cited figures as well as in other figures. Applicants respectfully reserve the right to later prosecute claims 16-25.